UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/038,590	01/03/2002	Thomas E. Creamer	BOC9-2000-0099 (223)	1444

40987　　7590　　03/10/2006	EXAMINER	
AKERMAN SENTERFITT	EL CHANTI, HUSSEIN A	
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WEST PALM BEACH, FL 33402-3188	ART UNIT	PAPER NUMBER
	2157	

DATE MAILED: 03/10/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	10/038,590	CREAMER ET AL.
	Examiner	Art Unit	
	Hussein A. El-chanti	2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *12 January 2006*.
2a)☒ This action is **FINAL**.　　2b)☐ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
　　closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-13* is/are pending in the application.
　　4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) *1-13* is/are rejected.
7)☐ Claim(s) _____ is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.
10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.
　　Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
　　Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
　　a)☐ All　b)☐ Some * c)☐ None of:
　　　　1.☐ Certified copies of the priority documents have been received.
　　　　2.☐ Certified copies of the priority documents have been received in Application No. _____.
　　　　3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
　　　　　　application from the International Bureau (PCT Rule 17.2(a)).
　　* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)
1)☒ Notice of References Cited (PTO-892)
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
　　Paper No(s)/Mail Date _____.
4)☐ Interview Summary (PTO-413)
　　Paper No(s)/Mail Date. _____.
5)☐ Notice of Informal Patent Application (PTO-152)
6)☐ Other: _____.

Response to Amendment

1.   This action is responsive to amendment received on Jan. 12, 2006. Claims 1, 2,

4-7 and 10-13 were amended. Claims 1-13 are pending examination.

Claim Objections

2.   Claims 10 and 12 are objected to for minor informalities. Claims 10 and 12 use

the term "JAIN" without defining what the term stands for. Appropriate correction is

required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2.   Claims 1-13 are rejected under 35 U.S.C. 102(e) as being anticipated by Baker

et al., U.S. Patent No. 6,956,845 (referred to hereafter as Baker).

As to claim 1, Baker teaches a visual tool for creating JAIN compliant

telecommunication service component for use in a service logic execution environment

(SLEE), comprising:

a first visual smartguide for creating JAIN compliant service building blocks

configured to receive and transmit telecommunication events to and from at least one

JAIN configured to receive and transmit telecommunication events to and from at least

one JAIN configured protocol stack through a JAIN compliant signaling layer, each said

JAIN compliant service building block comprising at least one telecommunication event

handler for handling specific telecommunications events received from an event routing

bus in said SLEE, wherein said SLEE is configured for compatibility with a JAVA API for

JAIN specification for communicating with said JAIN blocks (see fig. 4, col. 2 lines 60-

col. 3 lines 12 and col. 3 lines 37-50, user defines events for routing calls using a Java

compatible GUI); and,

a second visual JAIN smartguide for creating deployment descriptors for said

created service building blocks, each said deployment descriptor comprising a service

description describing parameters for loading an instance of a JAIN block in said SLEE

and a list of supported telecommunication events which can be handled by an

associated service building block (see col. 12 lines 20-42 and col. 9 lines 58-col. 10

lines 12, user may create routing rules and customize reports and notifications that

notifies user of traffic faults and traffic analysis using a browser); and,

a visual composition interface through which visual representations of said

service building blocks are arranged to form the service component wherein said

extended JAIN component configures itself using a deployment descriptor upon

identifying underlying resources that are available when the JAIN service component is

unaware of the underlying JAIN protocol resource within the SLEE (see col. 12 lines 20-

42 and col. 9 lines 58-col. 10 lines 12).

As to claim 2, Baker teaches the visual tool of claim 1, wherein said service

building blocks are software components (see col. 3 lines 37-50).

As to claim 3, Baker teaches the visual tool of claim 2, wherein said software

components are Java beans (see col. 3 lines 37-50).

As to claim 4, Baker teaches the visual tool of claim 1, wherein said first visual

smartguide comprises at least one selectable procedure for generating a plurality of

utility classes for inclusion in a service building block (see col. 12 lines 20-42 and col. 9

lines 58-col. 10 lines 12).

As to claim 5, Baker teaches the visual tool of claim 1, wherein said first visual

smartguide comprises a database of event handlers from which said at least one event

handler can be selected for addition to said service building block (see col. 12 lines 20-

42).

As to claim 6, Baker teaches the visual tool of claim 1, wherein said second

visual smartguide comprises a database of event handlers from which a list of

supported events for inclusion in said deployment descriptor can be constructed (see

col. 12 lines 20-42).

As to claim 7, Baker teaches the visual tool of claim 1, further comprising a

service container which encapsulates the service component (see col. 7 lines 4-23).

As to claim 8, Baker teaches the visual tool of claim 7, wherein said service container further comprises meta-information for exposing container characteristics for said service container (see col. 12 lines 20-42 and col. 9 lines 58-col. 10 lines 12).

As to claim 9, Baker teaches the visual tool of claim 8, wherein said meta-information comprises a plurality of Java Native Definition Interface (JNDI) environment entries (see col. 3 lines 37-50).

As to claim 10, Baker teaches a method for visually generating a service component, said method comprising: a specifying at least one service building block, said specification comprising visually selecting a plurality of event handlers for inclusion in said at least one service building block; exporting said at least one service building block, said exporting step producing a deployment descriptor which describes events for which said at least one service building block has been configured to handle (see fig. 4, col. 2 lines 60-col. 3 lines 12 and col. 3 lines 37-50, user defines events for routing calls using a Java compatible GUI);

visually arranging said at least one service block, said arrangement forming the service component; and, configuring the service component produced by said visual arrangement for insertion in a service logic execution environment wherein said extended JAIN component configures itself using a deployment descriptor upon identifying underlying resources that are available when the JAIN service component is unaware of the underlying JAIN protocol resource within the SLEE (SLEE) in an advanced intelligent network (see col. 12 lines 20-42 and col. 9 lines 58-col. 10 lines 12,

user may create routing rules and customize reports and notifications that notifies user

of traffic faults and traffic analysis using a browser.

As to claim 11, Baker teaches the method of claim 10, further comprising the

step of encapsulating the service component in a service application container (see col.

12 lines 20-42 and col. 9 lines 58-col. 10 lines 12).

As to claim 12, Baker teaches a machine readable storage, having stored

thereon a computer program for visually generating a service component, said

computer program having a plurality of code sections executable by a machine for

causing the machine to perform the steps of: specifying at least one service building

block, said specification comprising visually selecting a plurality of event handlers for

inclusion in said at least one service building block (see fig. 4, col. 2 lines 60-col. 3 lines

12 and col. 3 lines 37-50, user defines events for routing calls using a Java compatible

GUI);

exporting said at least one service building block, said exporting step producing a

deployment descriptor which describes events for which said at least one service

building block has been configured to handle; visually arranging said at least one

service block, said arrangement forming the service component; and, configuring the

service component produced by said visual arrangement for insertion in a service logic

execution environment (SLEE) in an advanced intelligent network wherein said

extended JAIN component configures itself using a deployment descriptor upon

identifying underlying resources that are available when the JAIN service component is

unaware of the underlying JAIN protocol resource within the SLEE (see col. 12 lines 20-42 and col. 9 lines 58-col. 10 lines 12, user may create routing rules and customize reports and notifications that notifies user of traffic faults and traffic analysis using a browser.

As to claim 13, Baker teaches the machine readable storage of claim 12, further comprising the step of encapsulating the service component in a service application container (see col. 12 lines 20-42 and col. 9 lines 58-col. 10 lines 12).

3.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Response to Arguments

4.   Applicant's arguments have been fully considered but are moot in view of the new grounds of rejection.

5.   Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the date of this final action.

6.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Hussein A. El-chanti whose telephone number is

(571)272-3999. The examiner can normally be reached on Mon-Fri 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Ario Etienne can be reached on (571)272-4001. The fax phone number for

the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Hussein El-chanti

Feb. 23, 2006

ARIO ETIENNE
PRIMARY EXAMINER